

Application No. 10/719,616
Amendment
January 18, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended). A system used in auto-boating, comprising:

a boat;

a tape substrate supported by the boat, the tape substrate comprising:

a pair of lateral edges parallel to one another, each lateral edge having respective first and second ends;

a pair of longitudinal guide strips parallel to one another, one of the longitudinal guide strips extending between the respective first ends of the pair of lateral edges and the other longitudinal guide strip extending between the respective second ends of the pair of lateral edges; and

a plurality of die attach regions disposed within the area defined by the pair of lateral edges and the pair of longitudinal guide strips;

a boat clip having a plurality of windows coupled to the boat such that the tape substrate is sandwiched between the boat and the boat clip; and

wherein each longitudinal guide strip comprises a pair of tabs disposed at opposite ends thereof such that each tab extends beyond a respective one of the lateral edges to prevent tape substrate from bowing.

Claim 2 (original). The system of Claim 1, wherein the tabs are triangularly shaped.

Claim 3 (original). The system of Claim 2, wherein the tabs are oriented at an angle of between approximately thirty degrees and sixty degrees with respect to the respective lateral edge.

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Claim 4 (original). The system of Claim 2, wherein the tabs are oriented at an angle of approximately forty-five degrees with respect to the respective lateral edge.

Claim 5 (original). The system of Claim 1, wherein the tabs lie in the same plane as the tape substrate.

Claim 6 (original). The system of Claim 1, wherein the tape substrate is formed from polyimide.

Claim 7 (original). The system of Claim 1, wherein the tabs are formed integral with the longitudinal guide strips.

Claim 8 (original). The system of Claim 1, wherein the boat clip is magnetically coupled to the boat.

Claim 9 (withdrawn). A method for auto-boating, comprising:

supporting a tape substrate on a boat, the tape substrate comprising:
a pair of lateral edges parallel to one another, each lateral edge having respective first and second ends;
a pair of longitudinal guide strips parallel to one another, one of the longitudinal guide strips extending between the respective first ends of the pair of lateral edges and the other longitudinal guide strip extending between the respective second ends of the pair of lateral edges, each longitudinal guide strip comprising a pair of tabs disposed at opposite ends thereof such that each tab extends beyond a respective one of the lateral edges; and

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coupling a boat clip having a plurality of windows to the boat such that the boat clip engages the tabs as the boat clip approaches the boat to ensure that the lateral edges of the tape substrate do not engage edges of respective windows proximate the lateral edges.

Claim 10 (withdrawn). The method of Claim 9, wherein the tabs are triangularly shaped.

Claim 11 (withdrawn). The method of Claim 10, wherein the tabs are oriented at an angle of between approximately thirty degrees and sixty degrees with respect to the respective lateral edge.

Claim 12 (withdrawn). The method of Claim 10, wherein the tabs are oriented at an angle of approximately forty-five degrees with respect to the respective lateral edge.

Claim 13 (withdrawn). The method of Claim 9, wherein the tabs lie in the same plane as the tape substrate.

Claim 14 (withdrawn). The method of Claim 9, wherein the tape substrate is formed from polyimide.

Claim 15 (withdrawn). The method of Claim 9, wherein the tabs are formed integral with the longitudinal guide strips.

Claim 16 (withdrawn). The method of Claim 9, wherein coupling the boat clip comprises magnetically coupling the boat clip.

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Claim 17 (withdrawn). A method for auto-boating, comprising:

providing a tape substrate strip, the tape substrate strip comprising a pair of longitudinal guide strips and a die attach region disposed between the longitudinal guide strips;

separating the tape substrate strip into a plurality of tape substrates by:

cutting the die attach region perpendicular to the longitudinal guide strips to create one or more lateral edges; and

cutting each longitudinal guide strip at an angle with respect to a respective lateral edge to create one or more tabs extending beyond the respective lateral edge.

Claim 18 (withdrawn). The method of Claim 17, wherein the angle is between approximately thirty degrees and sixty degrees with respect to the respective lateral edge.

Claim 19 (withdrawn). The method of Claim 17, wherein the angle is approximately forty-five degrees with respect to the respective lateral edge.

Claim 20 (withdrawn). The method of Claim 17, wherein the tape substrate strip is formed from polyimide.